



Air Emission Event Report Database Incident 343692

Export emission point and contaminant information to  **Excel spreadsheet.**

Incident Tracking Number:	343692	Incident Status:	CLOSED		
Report Type:	FINAL	Report Date:	10/23/2020		
Name of Owner or Operator:	INDORAMA VENTURES OXIDES LLC	CN:	CN605743038		
Regulated Entity Name:	HUNTSMAN PORT NECHES	RN:	RN100219252		
Physical Location:	2701 SPUR 136; PORT NECHES, TX 77651				
County:	JEFFERSON				
Event/Activity Type:	EMISSIONS EVENT				
Date and Time Event Discovered or Scheduled Activity Start:	10/09/2020 06:00 PM				
Date and Time Event or Scheduled Activity Ended:	10/10/2020 02:00 AM				
Event Duration:	8 hours, 0 minutes				
Process Unit or Area Common Names					
F4 Unit					
F6 Unit					
F8 Unit					
PO Ground Flare					
South Flare					
List of Air Contaminant Compounds - 3 total					
Description	Est. Quantity/Opacity	Units	Emission Limit	Units	Authorization
Carbon Monoxide	11.0	POUNDS	53.59	LBS/HR	NSR 19623
Nitrous Oxides	2.0	POUNDS	10.31	LBS/HR	NSR 19623
VOC	29.0	POUNDS	32.87	LBS/HR	NSR 19623
2 - Emission Point Common Name:			Emission Point Number:		
F4 Unit Vents					
List of Air Contaminant Compounds - 2 total					
Description	Est. Quantity/Opacity	Units	Emission Limit	Units	Authorization
Ethylene (gaseous)	3702.21	POUNDS	0.0		NA
Ethylene oxide	0.64	POUNDS	0.0		NA
3 - Emission Point Common Name:			Emission Point Number:		
F6 Unit Vents					
List of Air Contaminant Compounds - 2 total					
Description	Est. Quantity/Opacity	Units	Emission Limit	Units	Authorization
Ethylene (gaseous)	7106.6	POUNDS	0.0		NA
Ethylene oxide	2.93	POUNDS	0.0		NA

4 - Emission Point Common Name:			Emission Point Number:		
F8 Unit Vents					
List of Air Contaminant Compounds - 2 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Ethylene (gaseous)	6440.95	POUNDS	0.0		NA
Ethylene oxide	0.01	POUNDS	0.0		NA
5 - Emission Point Common Name:			Emission Point Number:		
PO Ground Flare			POFLARE		
List of Air Contaminant Compounds - 7 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Acetone	17.72	POUNDS	107.91	LBS/HR	NSR 20160
Carbon Monoxide	951.21	POUNDS	54.29	LBS/HR	NSR 20160
Isobutane	255.73	POUNDS	107.91	LBS/HR	NSR 20160
Nitrous Oxides	131.7	POUNDS	7.63	LBS/HR	NSR 20160
Propane	117.17	POUNDS	107.91	LBS/HR	NSR 20160
Propylene (Propene)	591.13	POUNDS	107.91	LBS/HR	NSR 20160
Propylene oxide	186.97	POUNDS	107.91	LBS/HR	NSR 20160
Cause of Emission Event or Excess Opacity Event, or Reason for Scheduled Activity:					
The F4, F6, F8 units tripped after Hurricane Delta disrupted facility power supplies resulting in waste gas venting to the atmosphere from each unit. The A3 unit operation was destabilized and the PO unit shut down resulting in flaring at the South Flare and PO Ground Flare.					
Actions Taken, or Being Taken, to Minimize Emissions And/or Correct the Situation:					
Each unit was stabilized, slowed down, or shutdown as needed to prevent further venting and flaring. Once power was restored the F4, F6, F8, and A3 units were restabilized and/or restarted without incident. The PO unit remained down until 10/17/20.					
Basis Used to Determine Quantities and Any Additional Information Necessary to Evaluate the Event:					
Quantities are based on engineering estimates and process data.					
Initial Notification Date/Time:	10/10/2020 03:14 PM		Method:	STEERS	
Notification Jurisdictions:	REGION 10 - BEAUMONT				
Publication Status:	VERIFIED BY A CUSTOMER				


Air Emission Event Report Database Incident 311856

Export emission point and contaminant information to  **Excel spreadsheet.**

Incident Tracking Number:	311856	Incident Status:	CLOSED
Report Type:	FINAL	Report Date:	06/27/2019
Name of Owner or Operator:	HUNTSMAN PETROCHEMICAL LLC	CN:	CN603603093
Regulated Entity Name:	HUNTSMAN PORT NECHES	RN:	RN100219252
Physical Location:	2701 SPUR 136; PORT NECHES, TX 77651		
County:	JEFFERSON		
Event/Activity Type:	EMISSIONS EVENT		
Date and Time Event Discovered or Scheduled Activity Start:	06/18/2019 07:30 AM		
Date and Time Event or Scheduled Activity Ended:	06/22/2019 06:30 PM		
Event Duration:	107 hours, 0 minutes		

Process Unit or Area Common Names					
F4 Ethylene Oxide Unit					
Facility Common Name			Facility Identification Number (FIN)		
F4 Unit					
1 - Emission Point Common Name:			Emission Point Number:		
Exchanger E-F4-21B			NA		
List of Air Contaminant Compounds - 2 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Ethylene (gaseous)	9633.27	POUNDS	0.0		NA
Ethylene oxide	1117.26	POUNDS	0.0		NA
Cause of Emission Event or Excess Opacity Event, or Reason for Scheduled Activity:					
Crack in outlet piping of exchanger.					
Actions Taken, or Being Taken, to Minimize Emissions And/or Correct the Situation:					
The leak was isolated and the unit was shutdown for repairs.					
Basis Used to Determine Quantities and Any Additional Information Necessary to Evaluate the Event:					
Release quantities are determined by engineering calculations and process knowledge.					
Initial Notification Date/Time:		06/16/2019 03:44 PM		Method:	STEERS
Notification Jurisdictions:		REGION 10 - BEAUMONT			
Publication Status:		VERIFIED BY A CUSTOMER			

Air Emission Event Report Database Incident 308202

Export emission point and contaminant information to  **Excel spreadsheet.**


Incident Tracking Number:	308202	Incident Status:	CLOSED
Report Type:	FINAL	Report Date:	05/23/2019
Name of Owner or Operator:	HUNTSMAN PETROCHEMICAL LLC	CN:	CN603603093
Regulated Entity Name:	HUNTSMAN PORT NECHES	RN:	RN100219252
Physical Location:	2701 SPUR 136; PORT NECHES, TX 77651		
County:	JEFFERSON		
Event/Activity Type:	EMISSIONS EVENT		
Date and Time Event Discovered or Scheduled Activity Start:	05/10/2019 12:45 AM		
Date and Time Event or Scheduled Activity Ended:	05/13/2019 03:45 AM		
Event Duration:	75 hours, 0 minutes		
Process Unit or Area Common Names			
A3			
F6			
F8			
Facility Common Name		Facility Identification Number (FIN)	
F6 EO Unit		N/A	
F8 EO Unit		N/A	
South Flare		UER037	

1 - Emission Point Common Name:			Emission Point Number:		
F6 Argon Vent			NA		
List of Air Contaminant Compounds - 4 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Argon	240.9	POUNDS	0.0		NA
Ethylene (gaseous)	2408.7	POUNDS	0.0		NA
Ethylene oxide	1.5	POUNDS	0.0		NA
Methane	3838.9	POUNDS	0.0		NA
2 - Emission Point Common Name:			Emission Point Number:		
F6 Reabsorber Vent			N/A		
List of Air Contaminant Compounds - 5 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Argon	896.4	POUNDS	0.0		N/A
Carbon Dioxide	6140.4	POUNDS	0.0		N/A
Ethylene (gaseous)	8964.3	POUNDS	0.0		N/A
Ethylene oxide	893.2	POUNDS	0.0		N/A
Methane	4334.4	POUNDS	0.0		N/A

3 - Emission Point Common Name:			Emission Point Number:		
F6 Regenerator Vent			N/A		
List of Air Contaminant Compounds - 4 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Argon	1435.8	POUNDS	0.0		N/A
Carbon Dioxide	16891.4	POUNDS	0.0		N/A
Ethylene (gaseous)	14357.7	POUNDS	0.0		N/A
Methane	30404.6	POUNDS	0.0		N/A
4 - Emission Point Common Name:			Emission Point Number:		
F8 CO2 Flash Drum Vent			NA		
List of Air Contaminant Compounds - 1 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Ethylene (gaseous)	448.0	POUNDS	0.0		NA
5 - Emission Point Common Name:			Emission Point Number:		
F8 Cycle Gas Vent			NA		
List of Air Contaminant Compounds - 1 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Ethylene (gaseous)	3482.0	POUNDS	0.0		NA


5 - Emission Point Common Name:			Emission Point Number:		
F8 Cycle Gas Vent			N/A		
List of Air Contaminant Compounds - 1 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Ethylene (gaseous)	3482.0	POUNDS	0.0		NA
6 - Emission Point Common Name:			Emission Point Number:		
F8 Reabsorber Vent			N/A		
List of Air Contaminant Compounds - 3 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Argon	20.0	POUNDS	0.0		N/A
Ethylene (gaseous)	196.0	POUNDS	0.0		N/A
Ethylene oxide	14521.0	POUNDS	0.0		N/A
7 - Emission Point Common Name:			Emission Point Number:		
South Flare			VER037		
List of Air Contaminant Compounds - 7 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Carbon Dioxide	155.8	POUNDS	0.0		N/A
Carbon Monoxide	1030.4	POUNDS	53.59	LBS/HR	19823
Ethylene (gaseous)	538.0	POUNDS	32.87	LBS/HR	19823 as VOC
Nitrogen Oxides (NOx)	73.3	POUNDS	10.31	LBS/HR	19823
Opacity	100.0	% OPACITY	0.0		N/A
Propane	0.3	POUNDS	32.87	LBS/HR	19823 as VOC
Propylene (Propene)	3.6	POUNDS	32.87	LBS/HR	19823 as VOC
Cause of Emission Event or Excess Opacity Event, or Reason for Scheduled Activity:					
Severe weather resulted in loss of power to the site, resulting in the shut down of several units. Flaring and vents released to the atmosphere.					
Actions Taken, or Being Taken, to Minimize Emissions And/or Correct the Situation:					
Power was restored to the site and units were stabilized.					
Basis Used to Determine Quantities and Any Additional Information Necessary to Evaluate the Event:					
Engineering estimates.					
Initial Notification Date/Time:		05/10/2019 03:32 PM		Method:	STEERS
Notification Jurisdictions:		REGION 10 - BEAUMONT			
Publication Status:		VERIFIED BY A CUSTOMER			

Air Emission Event Report Database Incident 306778

Export emission point and contaminant information to  **Excel spreadsheet.**

Incident Tracking Number:	306778	Incident Status:	CLOSED		
Report Type:	FINAL	Report Date:	04/30/2019		
Name of Owner or Operator:	HUNTSMAN PETROCHEMICAL LLC	CN:	CN603603093		
Regulated Entity Name:	HUNTSMAN PORT NECHES	RN:	RN100219252		
Physical Location:	2701 SPUR 136; PORT NECHES, TX 77651				
County:	JEFFERSON				
Event/Activity Type:	EMISSIONS EVENT				
Date and Time Event Discovered or Scheduled Activity Start:	04/16/2019 04:30 PM				
Date and Time Event or Scheduled Activity Ended:	04/16/2019 05:00 PM				
Event Duration:	0 hours, 30 minutes				
Process Unit or Area Common Names					
F6 Unit					
Facility Common Name		Facility Identification Number (FIN)			
F6 Ethylene Oxide Unit					
1 - Emission Point Common Name:		Emission Point Number:			
P-F6-54B					
List of Air Contaminant Compounds - 1 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Ethylene oxide	36.0	POUNDS	0.0		N/A
Cause of Emission Event or Excess Opacity Event, or Reason for Scheduled Activity:					
Pump P-F6-54B at the F6 Ethylene Oxide Unit experienced a gasket failure resulting in a release of Ethylene Oxide emissions to atmosphere.					
Actions Taken, or Being Taken, to Minimize Emissions And/or Correct the Situation:					
Pump was isolated and the gasket was replaced.					
Basis Used to Determine Quantities and Any Additional Information Necessary to Evaluate the Event:					
Emissions estimates are based on engineering calculations and process knowledge.					
Initial Notification Date/Time:	04/17/2019 03:07 PM		Method:	STEERS	
Notification Jurisdictions:	REGION 10 - BEAUMONT				
Publication Status:	VERIFIED BY A CUSTOMER				

Air Emission Event Report Database Incident 302034

Export emission point and contaminant information to  Excel spreadsheet.

Incident Tracking Number:	302034	Incident Status:	CLOSED		
Report Type:	FINAL	Report Date:	02/12/2019		
Name of Owner or Operator:	HUNTSMAN PETROCHEMICAL LLC	CN:	CN603603093		
Regulated Entity Name:	HUNTSMAN PORT NECHES	RN:	RN100219252		
Physical Location:	2701 SPUR 136; PORT NECHES, TX 77651				
County:	JEFFERSON				
Event/Activity Type:	EMISSIONS EVENT				
Date and Time Event Discovered or Scheduled Activity Start:	01/31/2019 10:32 AM				
Date and Time Event or Scheduled Activity Ended:	02/01/2019 09:49 PM				
Event Duration:	35 hours, 17 minutes				
Process Unit or Area Common Names					
F8 EO Unit					
Facility Common Name		Facility Identification Number (FIN)			
F8 EO Unit		N/A			
1 - Emission Point Common Name:		Emission Point Number:			
F8 Reabsorber Vent		N/A			
List of Air Contaminant Compounds - 8 total					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Argon	749.71	POUNDS	0.0		No specific emissions authorizations for this facility
Carbon Dioxide	1557.43	POUNDS	0.0		No specific emissions authorizations for this facility
Ethane	41.19	POUNDS	0.0		No specific emissions authorizations for this facility
Ethylene (gaseous)	6768.98	POUNDS	0.0		No specific emissions authorizations for this facility
Ethylene oxide	8332.8	POUNDS	0.0		No specific emissions authorizations for this facility
Methane	1782.02	POUNDS	0.0		No specific emissions authorizations for this facility
NITROGEN	86336.2	POUNDS	0.0		No specific emissions authorizations for this facility
Oxygen	909.57	POUNDS	0.0		No specific emissions authorizations for this facility
Cause of Emission Event or Excess Opacity Event, or Reason for Scheduled Activity:					
On 1/31/2019, at approximately 0930, the G6 Glycol Unit shut down due to a faulty level transmitter. This resulted in the shutdown of the F8 unit. Venting occurred from the F8 Reabsorber Vent starting at approximately 1032.					
Actions Taken, or Being Taken, to Minimize Emissions And/or Correct the Situation:					
The level instrument that failed at G6 has been repaired. Operations normalized production at the associated G Units and the F8 Unit was restarted.					
Basis Used to Determine Quantities and Any Additional Information Necessary to Evaluate the Event:					
Emissions estimates are based on initial engineering calculations.NRC #1236458 0700 2/1/2019 FuentesTCEQ 0715 2/1/2019 Judy Granger					
Initial Notification Date/Time:	02/01/2019 08:59 AM		Method:	STEERS	
Notification Jurisdictions:	REGION 10 - BEAUMONT				
Publication Status:	VERIFIED BY A CUSTOMER				